[0061] In so far as embodiments of the disclosure have been described as being implemented, at least in part, by software-controlled data processing apparatus, it will be appreciated that a non-transitory machine-readable medium carrying such software, such as an optical disk, a magnetic disk, semiconductor memory or the like, is also considered to represent an embodiment of the present disclosure. Further, such a software may also be distributed in other forms, such as via the Internet or other wired or wireless telecommunication systems.

[0062] A circuit is a structural assemblage of electronic components including conventional circuit elements, integrated circuits including application specific integrated circuits, standard integrated circuits, application specific standard products, and field programmable gate arrays. Further a circuit includes central processing units, graphics processing units, and microprocessors which are programmed or configured according to software code. A circuit does not include pure software, although a circuit includes the above-described hardware executing software.

CROSS-REFERENCE TO RELATED APPLICATIONS

[0063] The present application claims priority of EP patent application No. 12 168 328.8 filed on 16 May 2012, the entire contents of which are incorporated herein by reference.

1. Wearable computing device, comprising:
- a wig that is adapted to cover at least a part of a head of a user,
- at least one sensor for providing input data,
- a processing unit that is coupled to the at least one sensor for processing said input data, and
- a communication interface that is coupled to the processing unit for communicating with a second computing device,
- the at least one sensor, the processing unit and the communication interface being arranged in the wig and at least partly covered by the wig in order to be visually hidden during use.

2. Wearable computing device as claimed in claim **1**, wherein the wig comprises a plurality of natural and/or artificial hair pieces which cover and visually hide the at least one sensor, the control unit and the communication interface.

3. Wearable computing device as claimed in claim **1**, wherein the communication interface is adapted to wirelessly communicate with the second computing device, which second computing device is locally separated from the wearable computing device.

4. Wearable computing device as claimed in claim **1**, further comprising a first actuator for providing tactile feedback signals to the user, wherein the processing unit is adapted to generate output signals for controlling said first actuator, and wherein said first actuator is arranged in the wig and at least partly covered by the wig in order to be visually hidden during use.

5. Wearable computing device as claimed in claim **4**, further comprising at least three further actuators for providing tactile feedback signals to the user, wherein the processing unit is adapted to generate output signals for controlling said at least three further actuators, wherein said at least three further actuators are arranged in the wig and at least partly covered by the wig in order to be visually hidden during use, and wherein said first actuator and said at least three further actuators are arranged in a cross-like pattern, wherein one actuator is arranged on each side of the wig, on a front, a back, a left and on a right side of the wig.

6. Wearable computing device as claimed in claim **4**, wherein the processing unit is adapted to generate output signals for controlling said first actuator and/or said at least three further actuators to provide tactile feedback signals depending on data received from the second computing device.

7. Wearable computing device as claimed in claim **1**, wherein the at least one sensor comprises a GPS sensor for providing position and location information.

8. Wearable computing device as claimed in claims **4**, wherein the control unit is adapted to evaluate said position and location information and to control said first actuator and/or said at least three further actuators to provide tactile feedback signals to the user according to the evaluated position and location information to provide the user with navigation information.

9. Wearable computing device as claimed in claim **1**, wherein the at least one sensor comprises an ultrasound transducer coupled to the processing unit for transmitting and/or receiving ultrasound waves to detect an object in a surrounding of the wig.

10. Wearable computing device as claimed in claim **1**, wherein the at least one sensor comprises a camera sensor that is coupled to the processing unit for delivering image information from the surrounding of the wig.

11. Wearable computing device as claimed in claim **1**, wherein the at least one sensor comprises a switch button for generating controlling signals to control the second computing device, wherein the second computing device comprises a visual presentation device.

12. Wearable computing device as claimed in claim **1**, further comprising a laser pointer that is arranged in or on the wig.

13. Wearable computing device as claimed in claim **1**, wherein the at least one sensor comprises a remote control for controlling the second computing device.

14. Wearable computing device as claimed in claim **1**, wherein the at least one sensor comprises a wig position sensor that is coupled to the processing unit for providing positioning data including information of a position of the wig relative to a reference position on the user's head.

15. A system comprising:
- a wearable computing device, including a wig that is adapted to cover at least a part of a head of a user, at least one sensor for providing input data, a processing unit that is coupled to the at least one sensor for processing said input data, and a communication interface that is coupled to the processing unit for communicating with a second computing device, the at least one sensor, the control unit and the communication interface being arranged in the wig and at least partly covered by the wig in order to be visually hidden during use; and
- the second computing device for transmitting and/or receiving control data to and/or from the wearable computing device, which second computing device is locally separated from the wearable computing device.

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